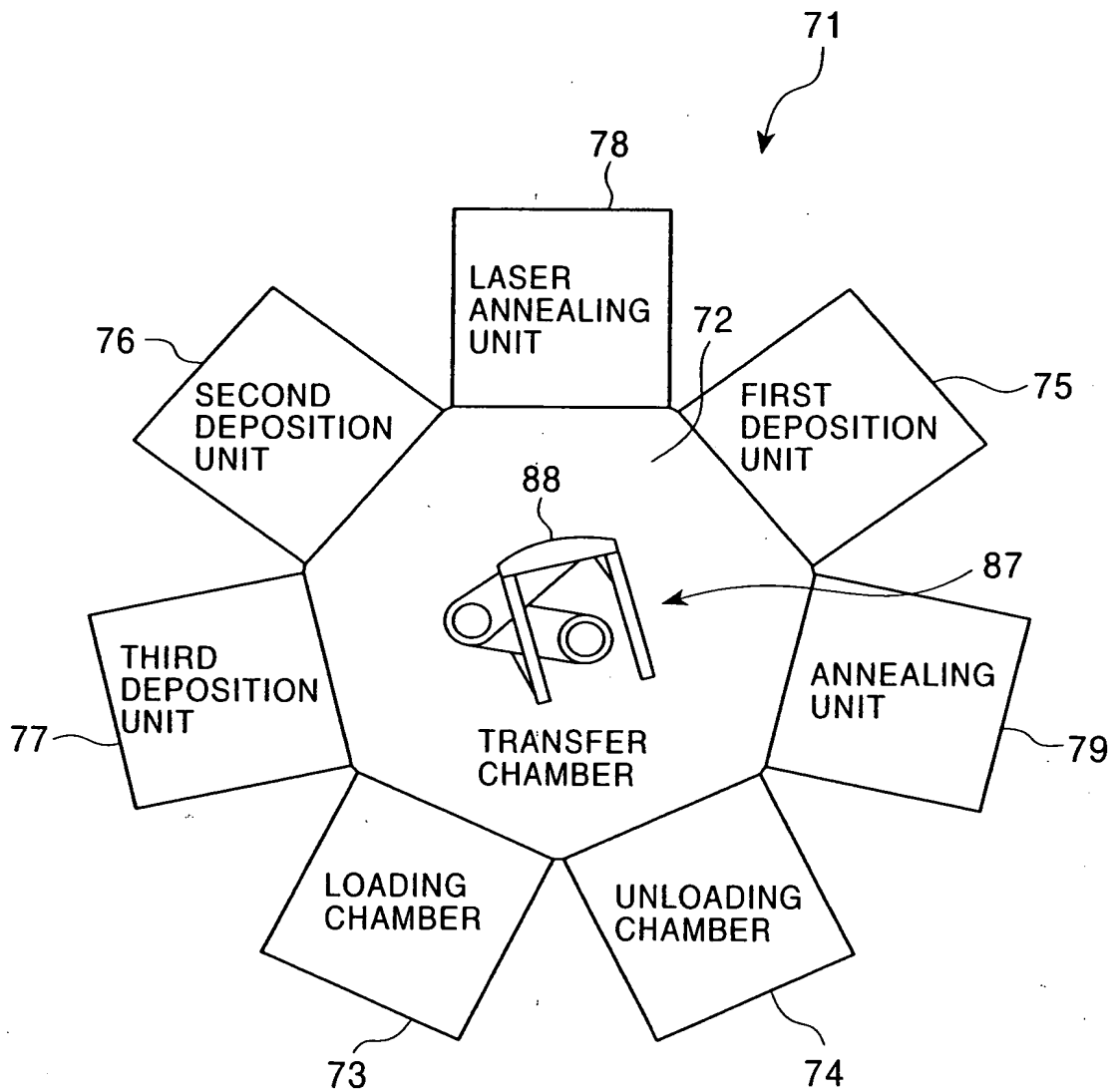
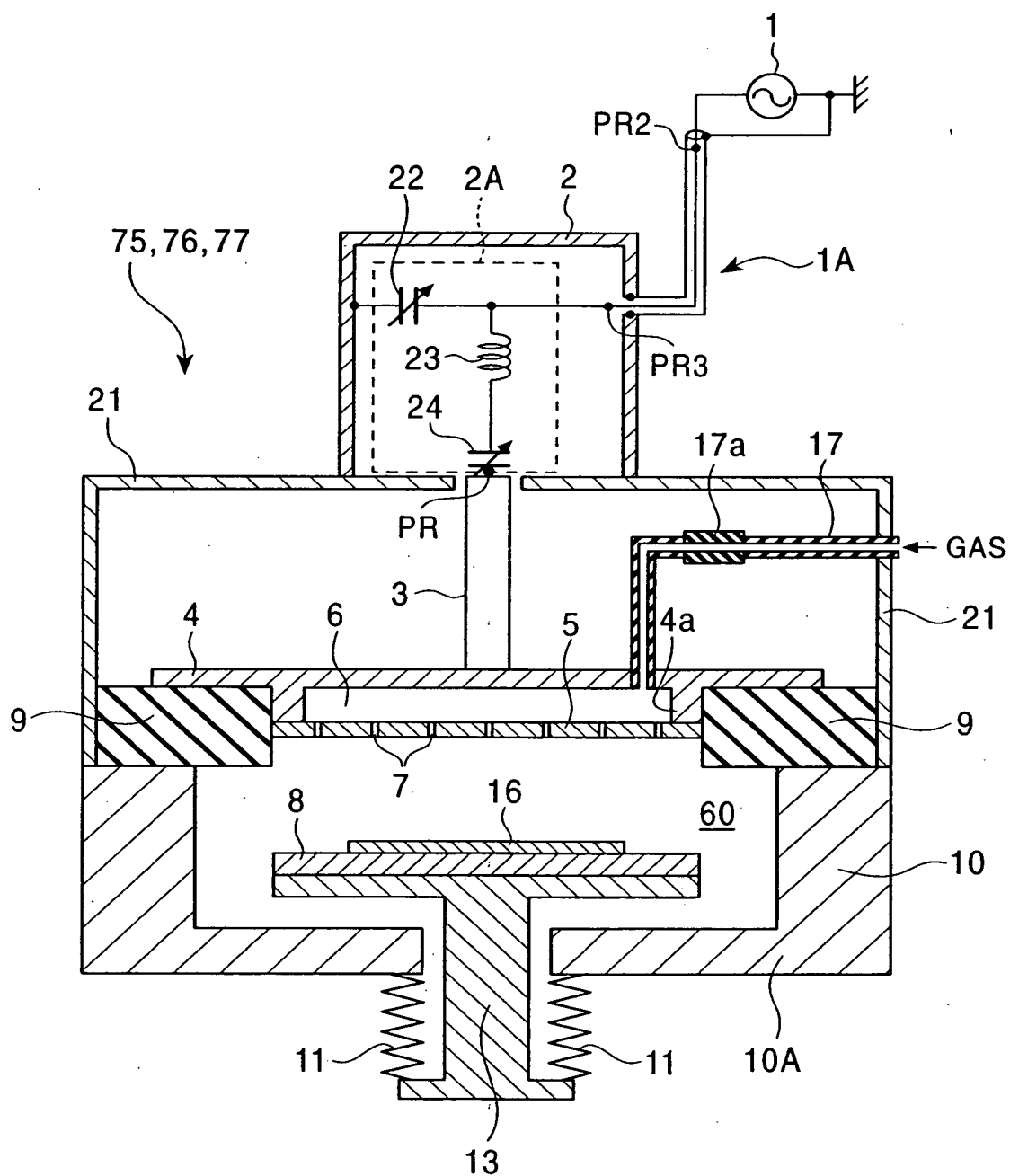


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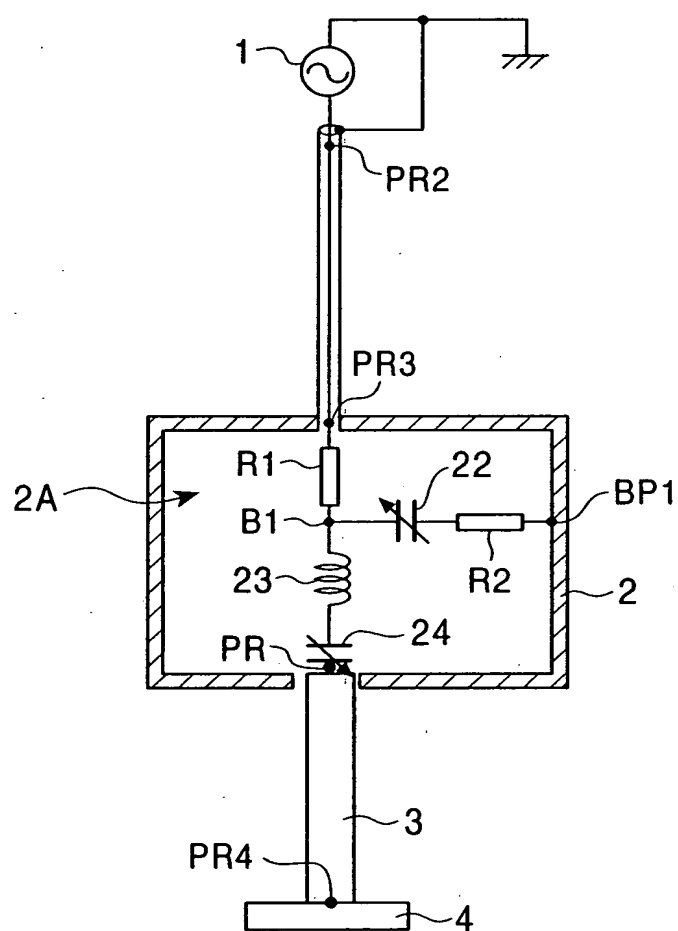
FIG. 1





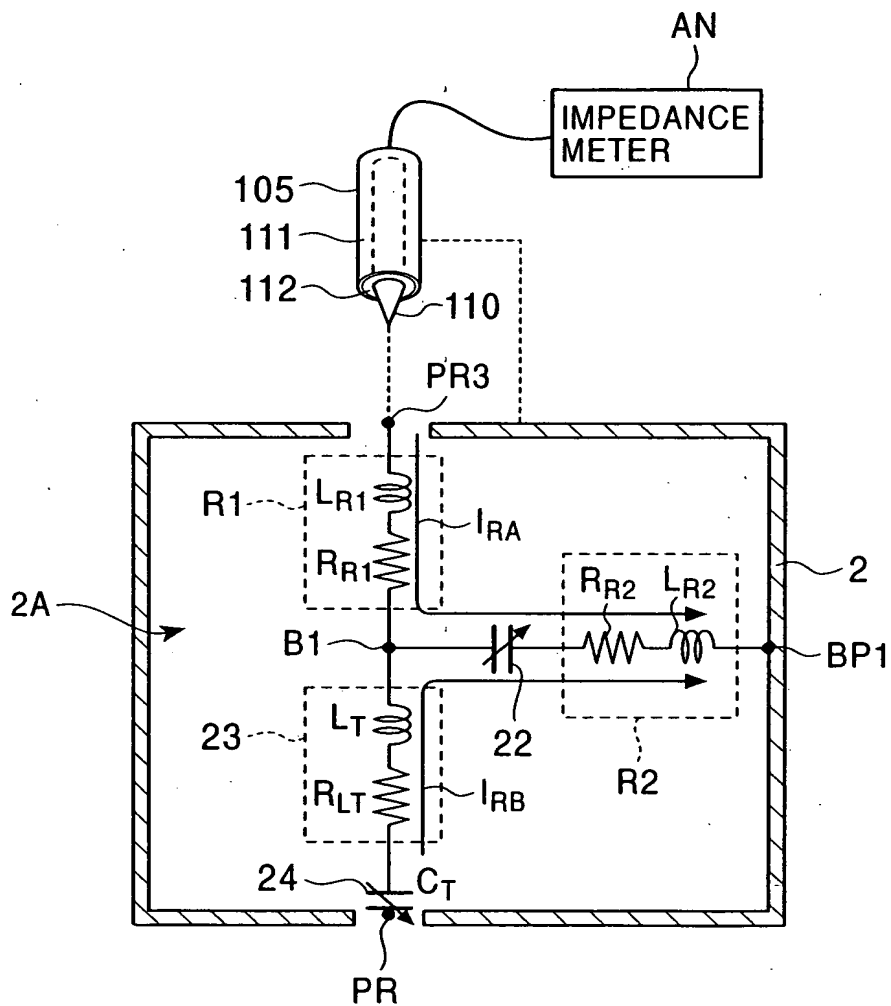
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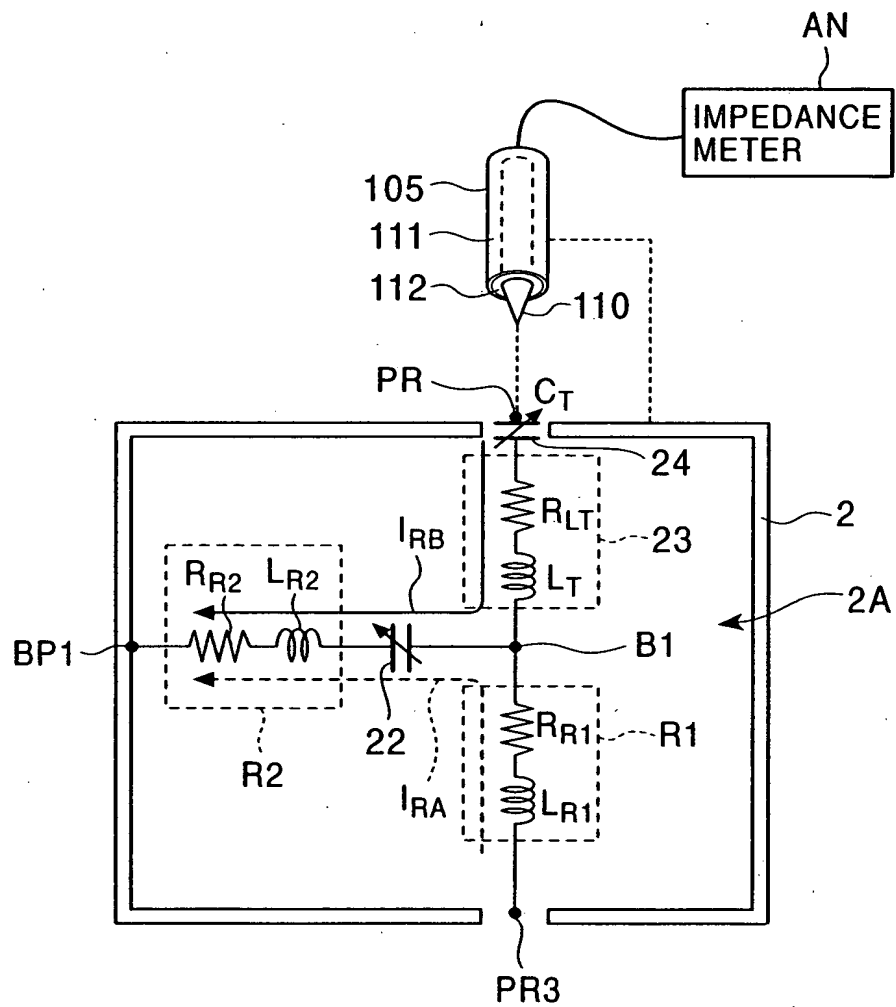
FIG. 3



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FIG. 4





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FIG. 6

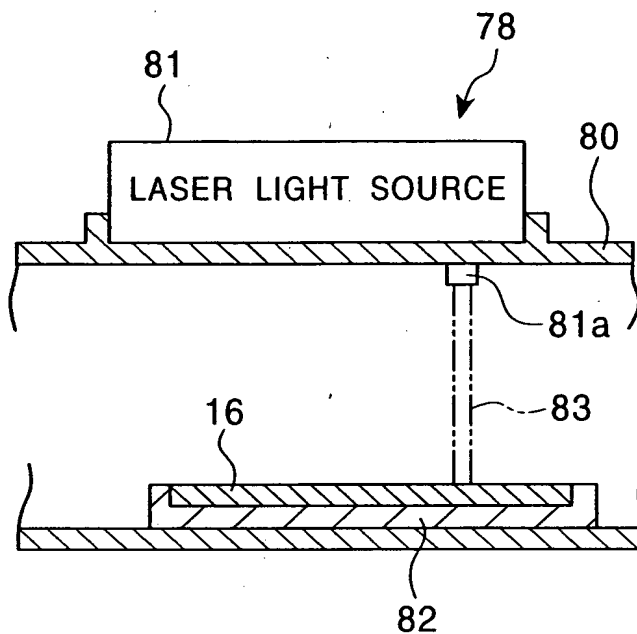
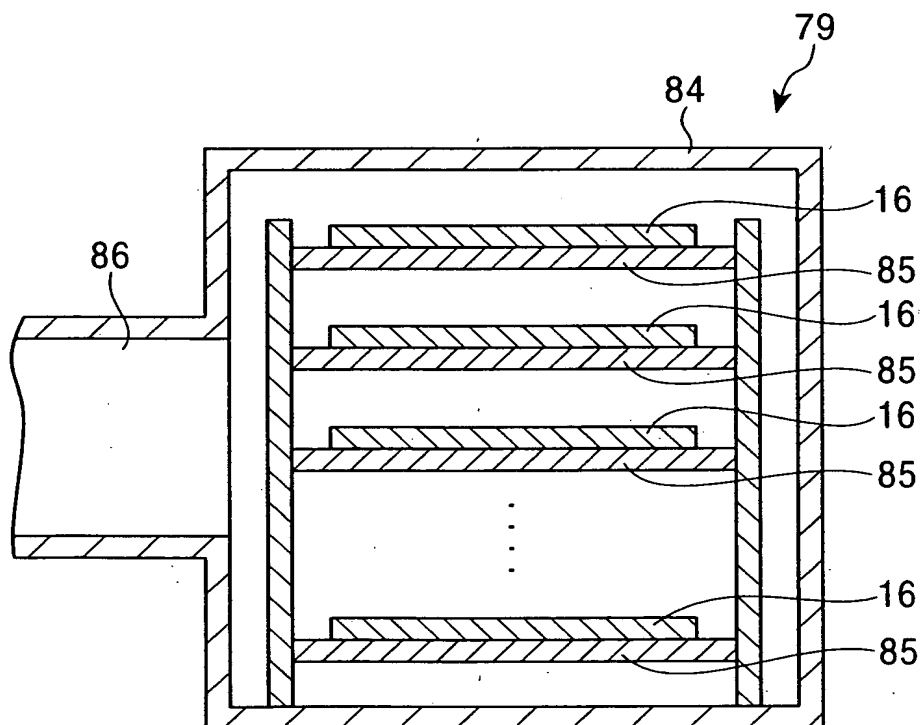
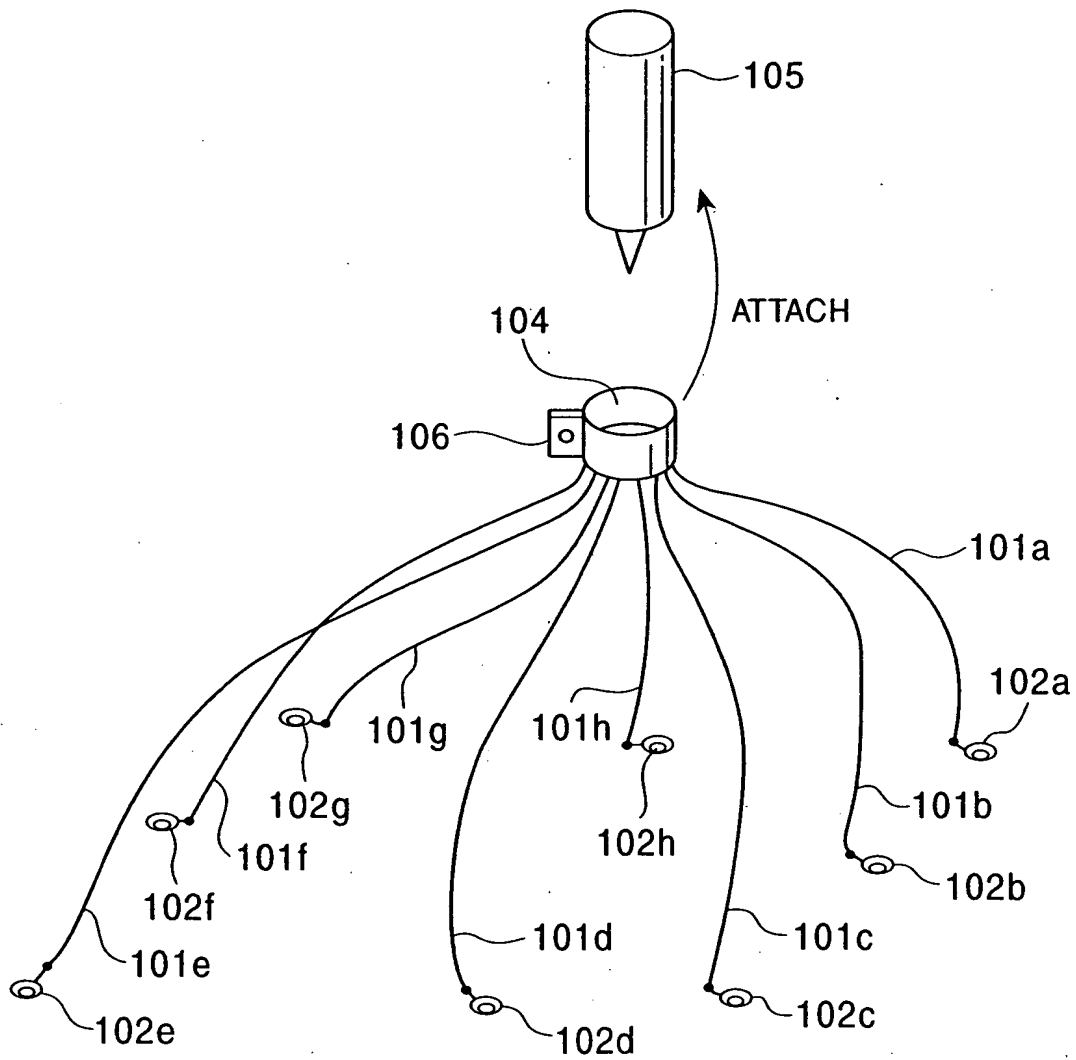


FIG. 7



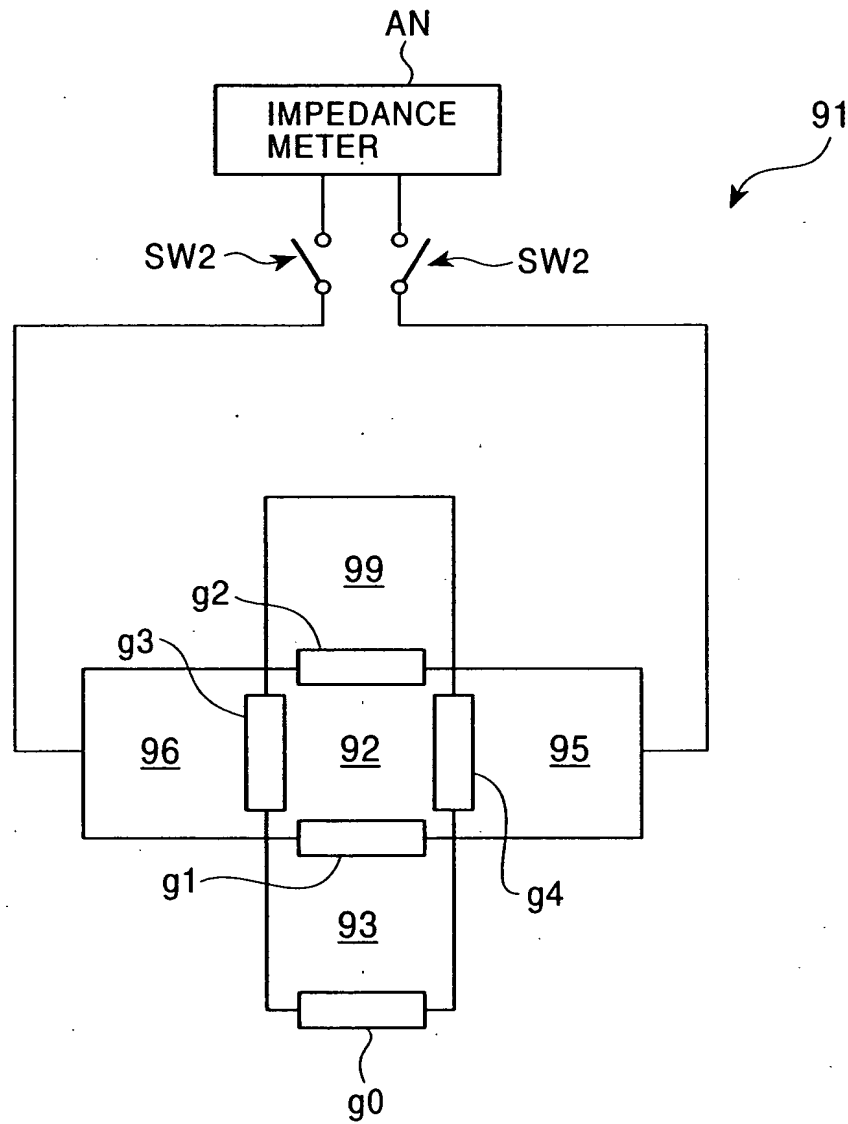
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FIG. 8



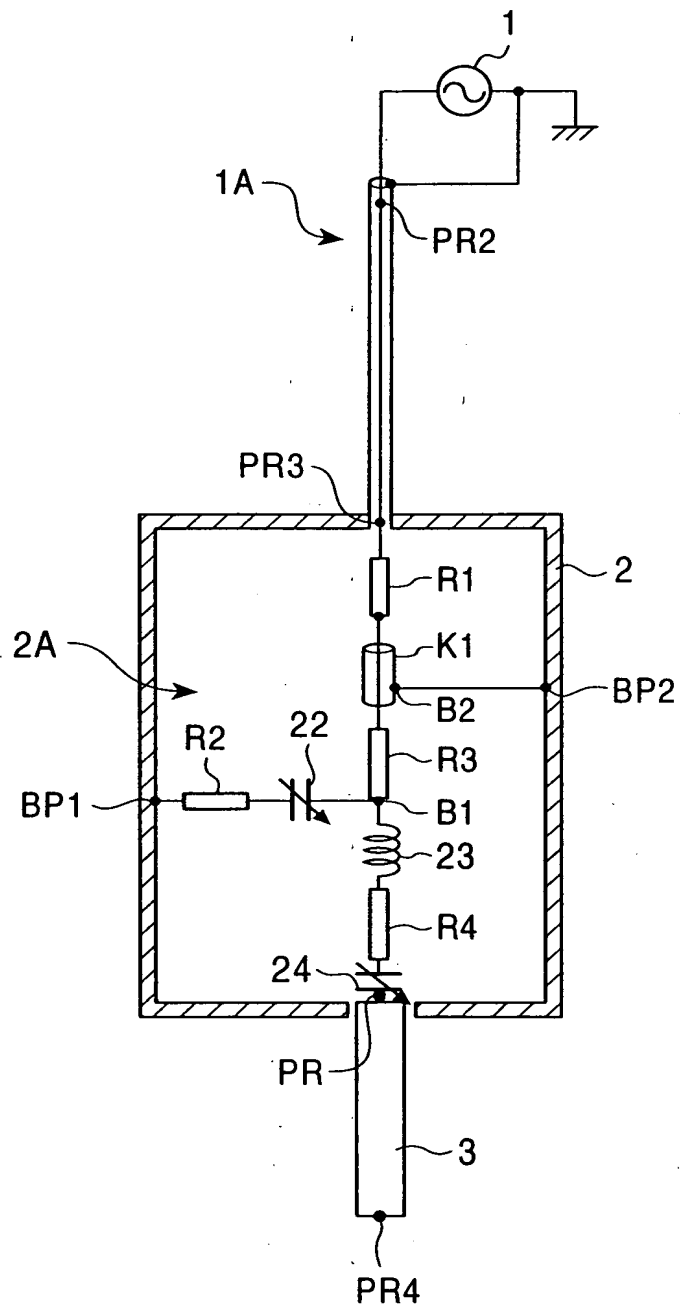
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FIG. 10



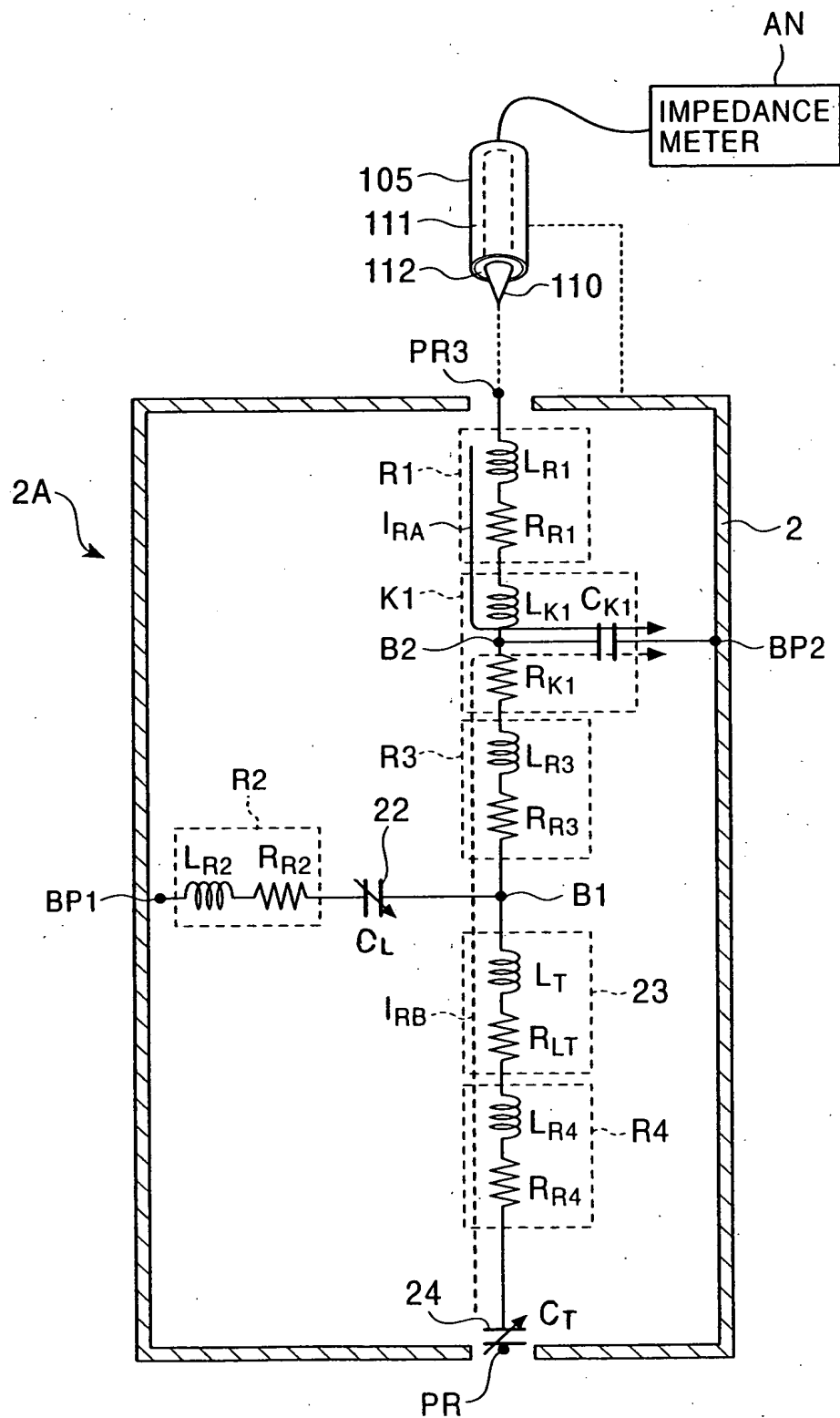
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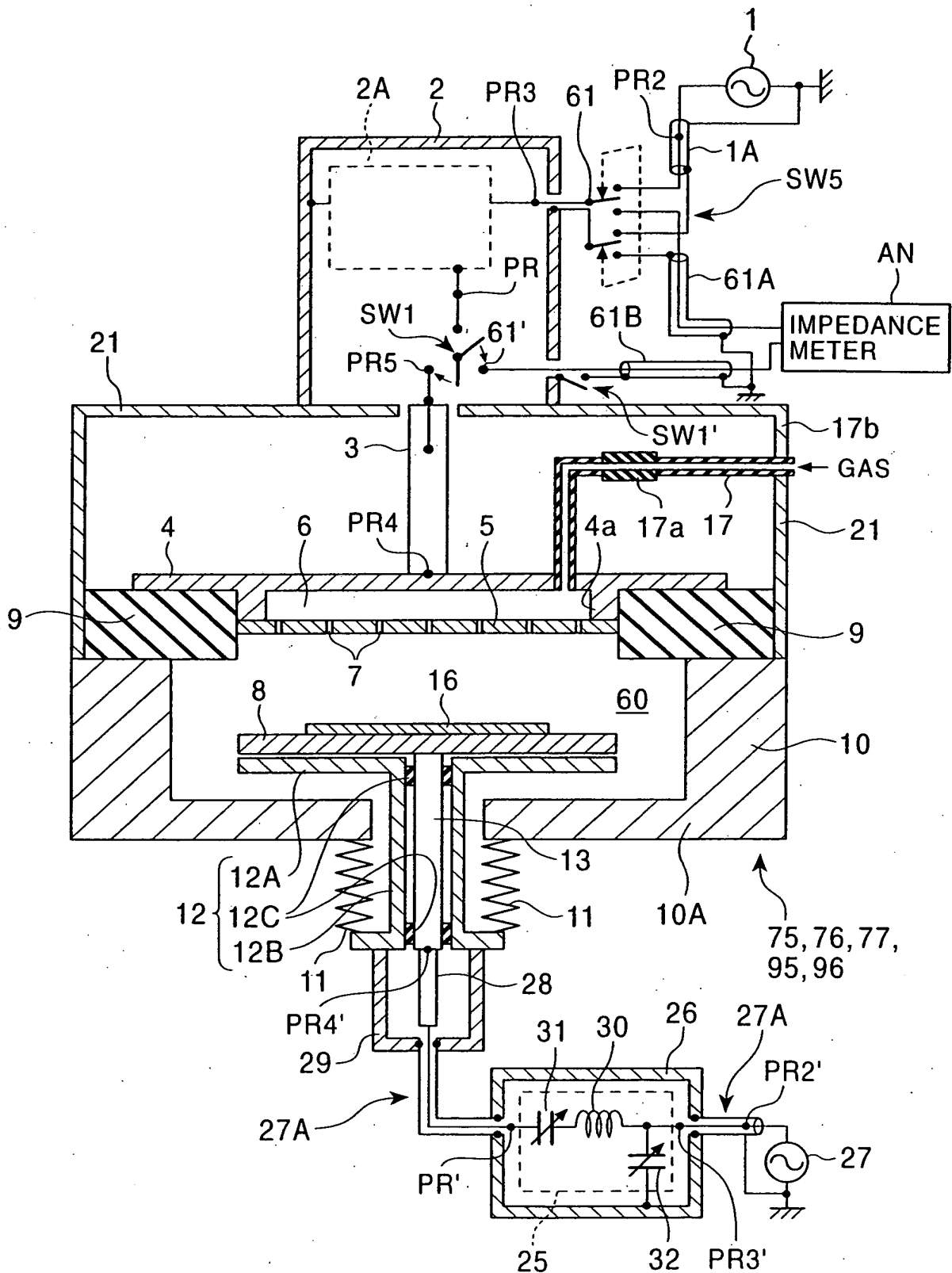
FIG. 12



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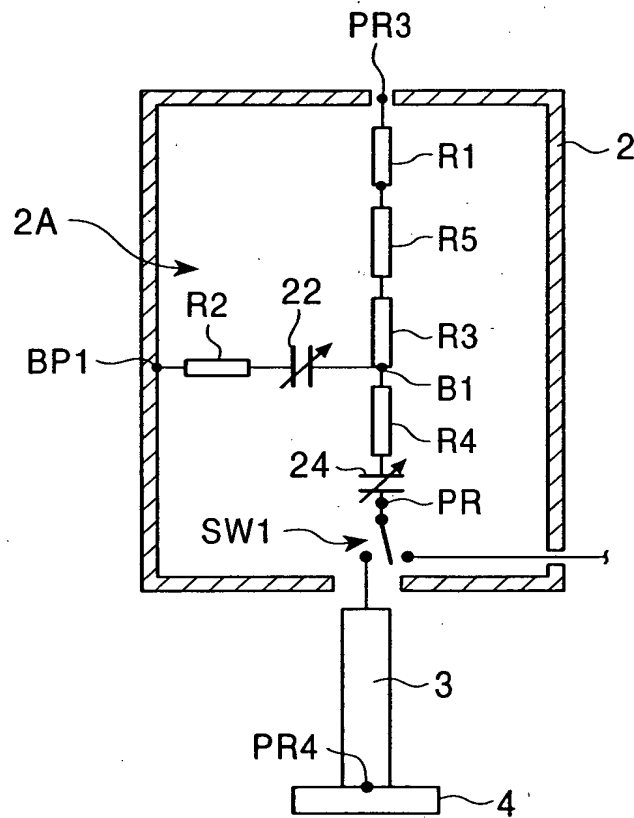
FIG. 14





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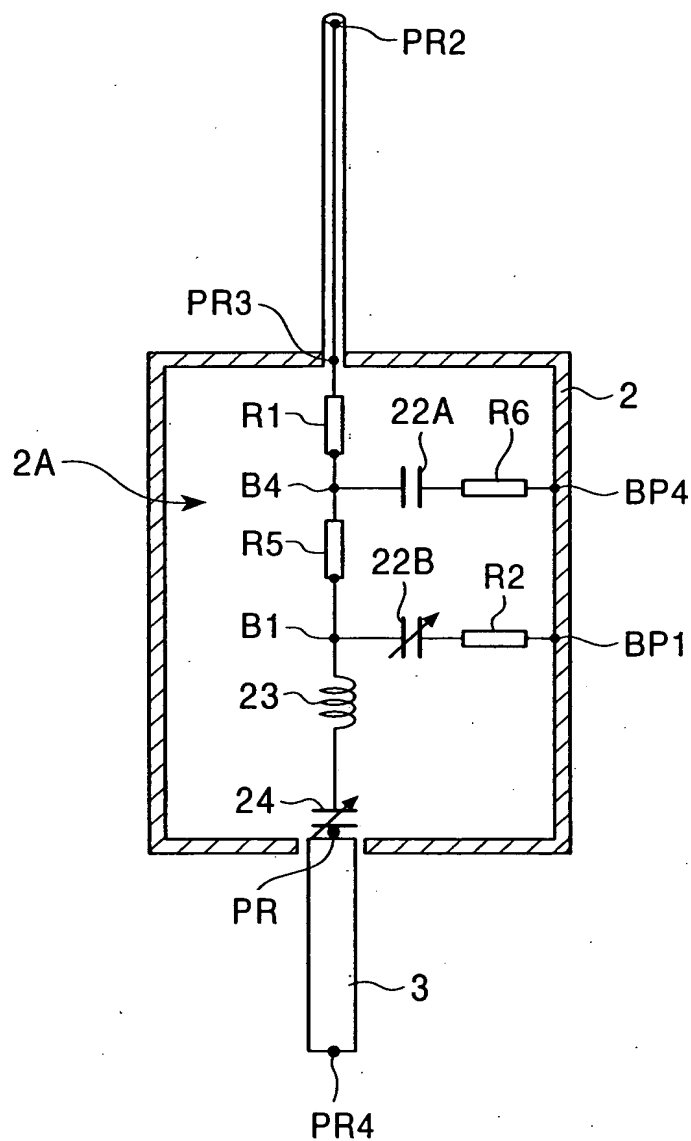
FIG. 16



[illegible]

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FIG. 18



The diagram shows a circuit with a central vertical line. At the top, a terminal PR2 is connected to a coil L_{1A} in series with a capacitor C_{1A} to ground. Below this is a resistor R_{1A} connected to terminal PR3. The central line then enters a large rectangular box labeled 2A. Inside box 2A, the line passes through a coil L_{R1} and resistor R_{R1} (labeled R1 and I_{RA} in a dashed box). It then reaches terminal B4, which is connected to a variable capacitor 22A. The other terminal of 22A is connected to a series combination of resistor R_{R6} and coil L_{R6} (labeled R6 in a dashed box), which then connects to terminal BP4. Below B4, the line passes through a coil L_{R5} and resistor R_{R5} (labeled R5 in a dashed box). It then reaches terminal B1, connected to a variable capacitor 22B. The other terminal of 22B is connected to a series combination of resistor R_{R2} and coil L_{R2} (labeled R2 in a dashed box), which then connects to terminal BP1. Below B1, the line passes through a coil L_T and resistor R_{LT} (labeled 23 in a dashed box). It then reaches terminal 24, connected to a variable capacitor C_T. The other terminal of C_T is connected to terminal PR. Below PR, the line passes through a coil L₃ and resistor R₃ (labeled 3 in a dashed box) to terminal PR4. A current I_{RB} is indicated flowing upwards through the central line between terminals B1 and 24.

The diagram illustrates a multi-stage electronic circuit, labeled 2A, which is enclosed within a rectangular frame 2. The circuit is organized into several functional blocks, each enclosed in a dashed box:

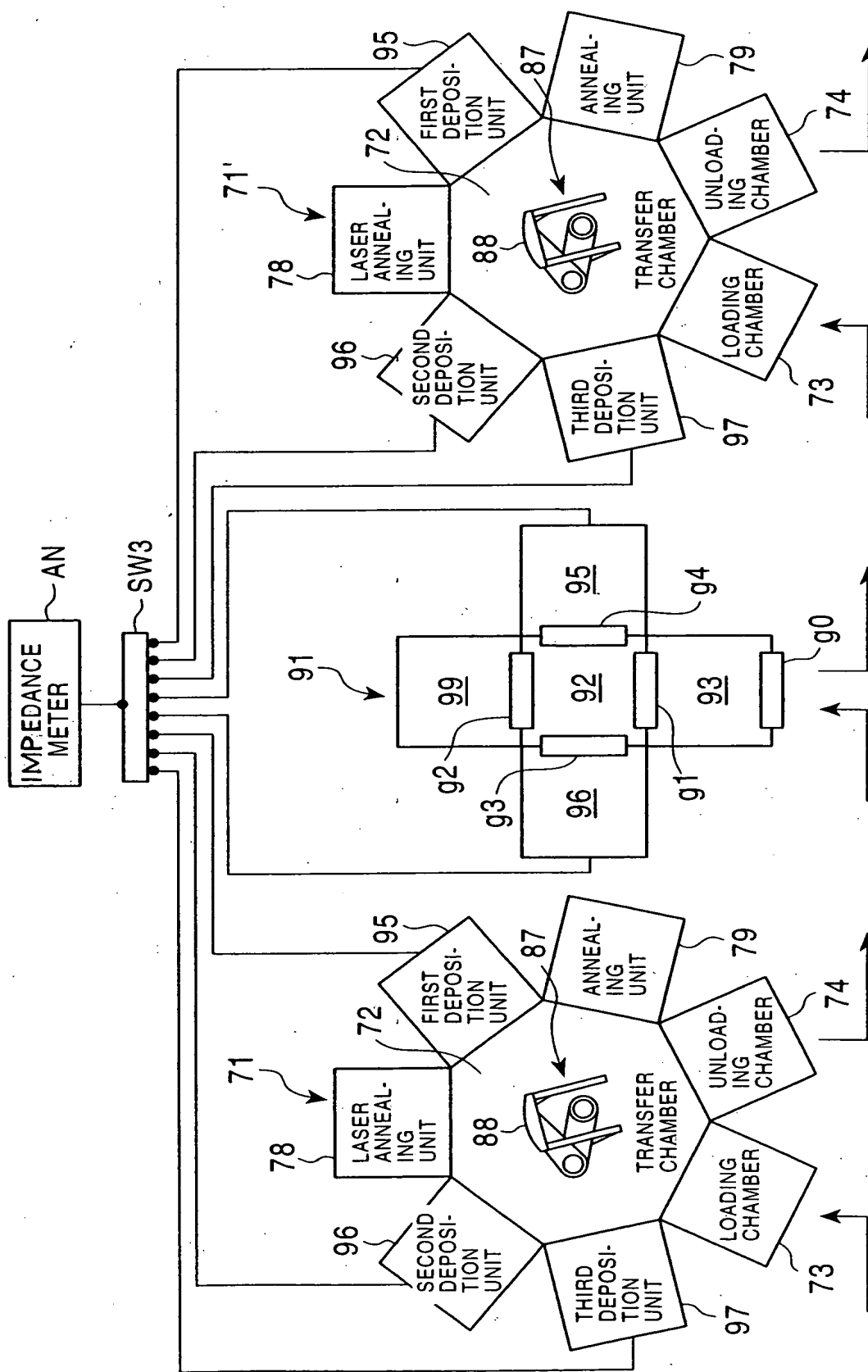
- Block 1A:** Located at the top, it contains an inductor L_{1A} and a capacitor C_{1A} connected to ground. It is connected to terminals PR2 and PR3.
- Block R1:** Contains an inductor L_{R1} and a resistor R_{R1} . It is connected to terminals PR3 and B4. A current I_{RA} is indicated flowing through this block.
- Block 22A:** Contains a variable capacitor C_{LA} and a parallel combination of a resistor R_{R6} and an inductor L_{R6} . It is connected to terminals B4 and BP4.
- Block R5:** Contains an inductor L_{R5} and a resistor R_{R5} . It is connected to terminals B4 and B1.
- Block 22B:** Contains a variable capacitor C_{LB} and a parallel combination of a resistor R_{R2} and an inductor L_{R2} . It is connected to terminals B1 and BP1.
- Block 23:** Contains an inductor L_T and a resistor R_{LT} . It is connected to terminals B1 and 24.
- Block 3:** Located at the bottom, it contains an inductor L_3 and a resistor R_3 . It is connected to terminals 24 and PR4.

Additional components and terminals include:

- A variable capacitor C_T connected between terminals PR and 24.
- Terminals PR, PR2, PR3, PR4, B3, B4, B1, BP4, BP1, and 2A.
- Currents I_{RB} and I_{RA} are indicated in the lower and upper sections of the circuit, respectively.

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FIG. 21



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FIG. 22

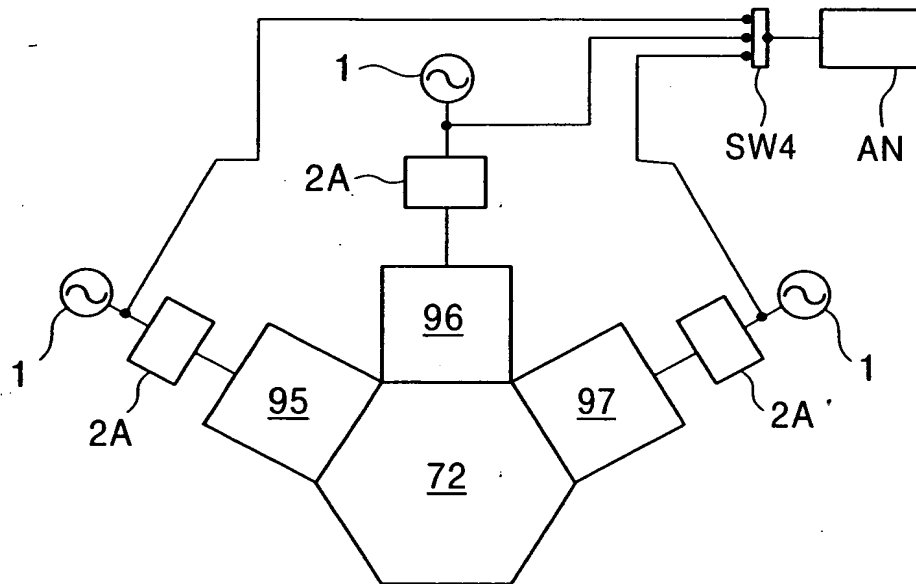
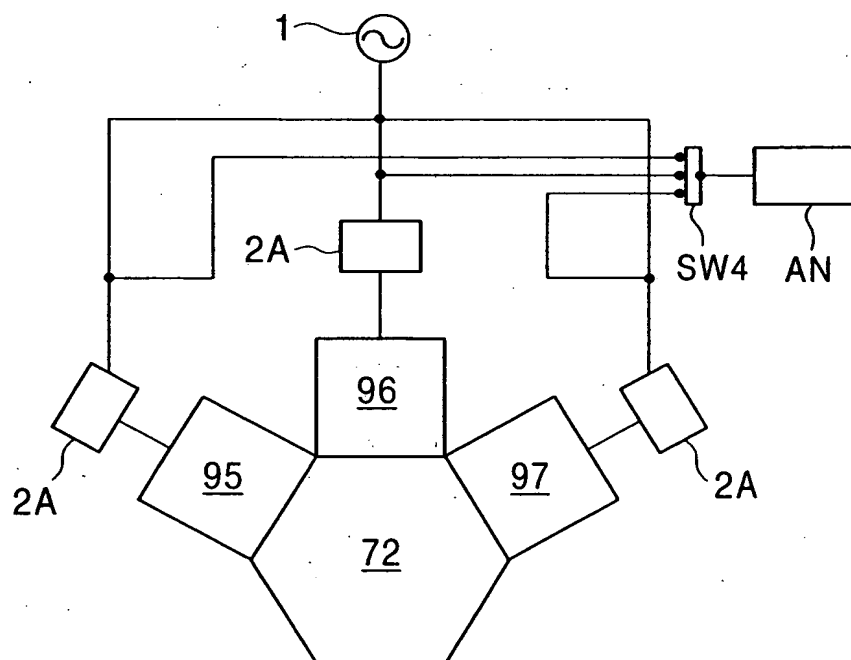


FIG. 23



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FIG. 24

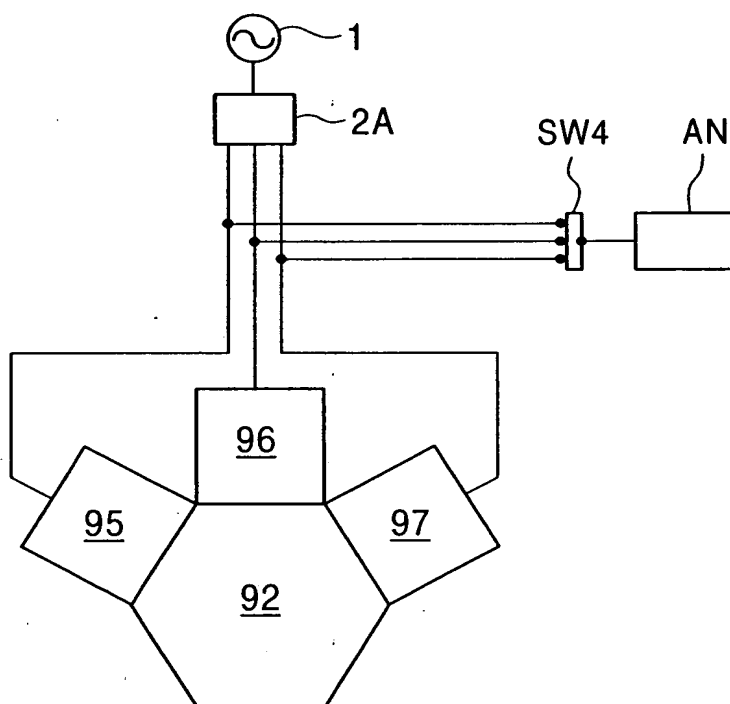
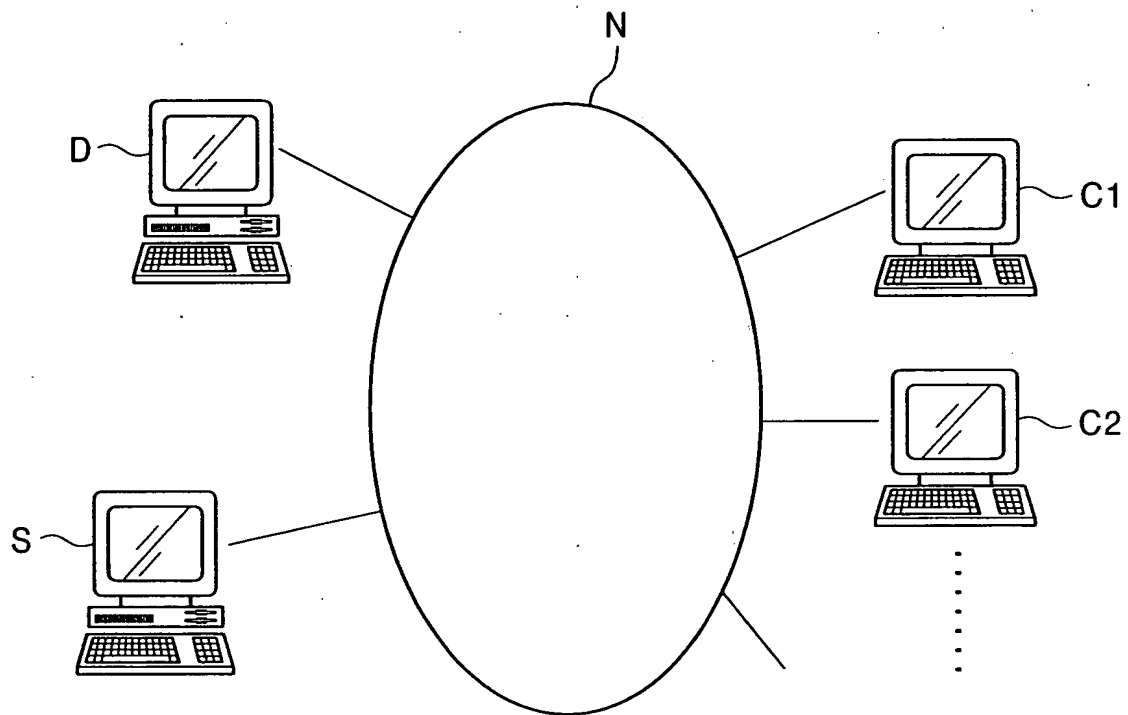
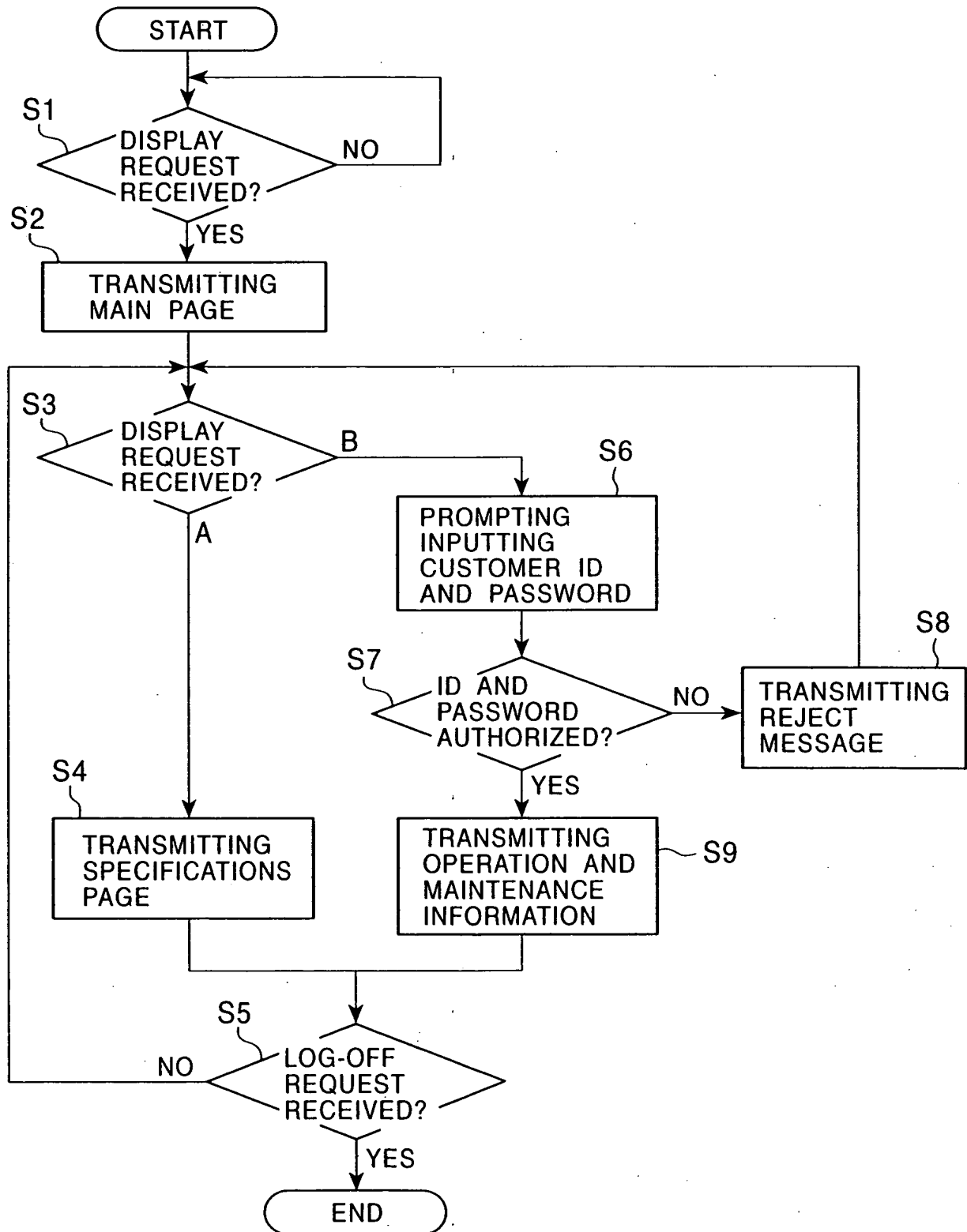


FIG. 25



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FIG. 26



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FIG. 27

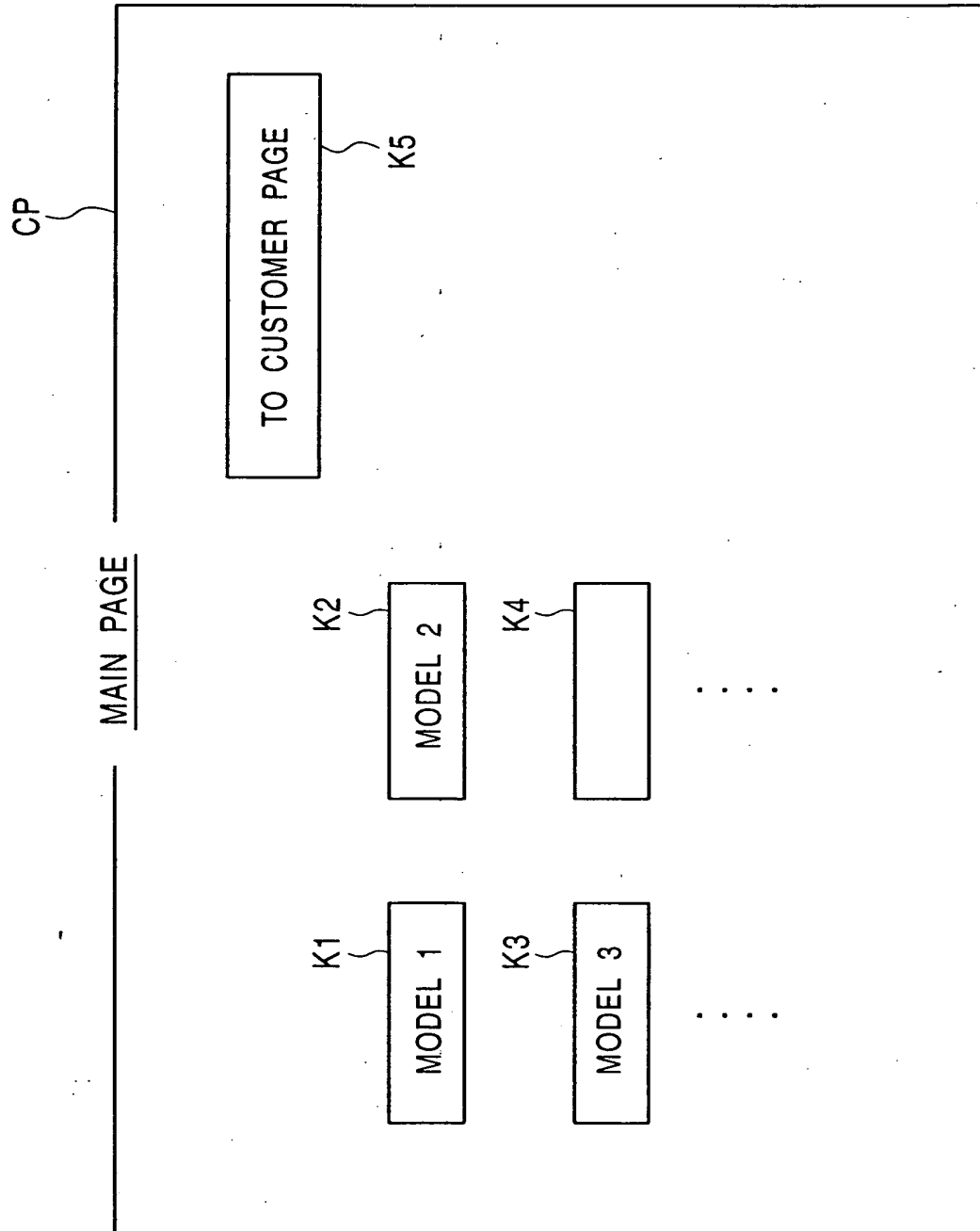


FIG. 28

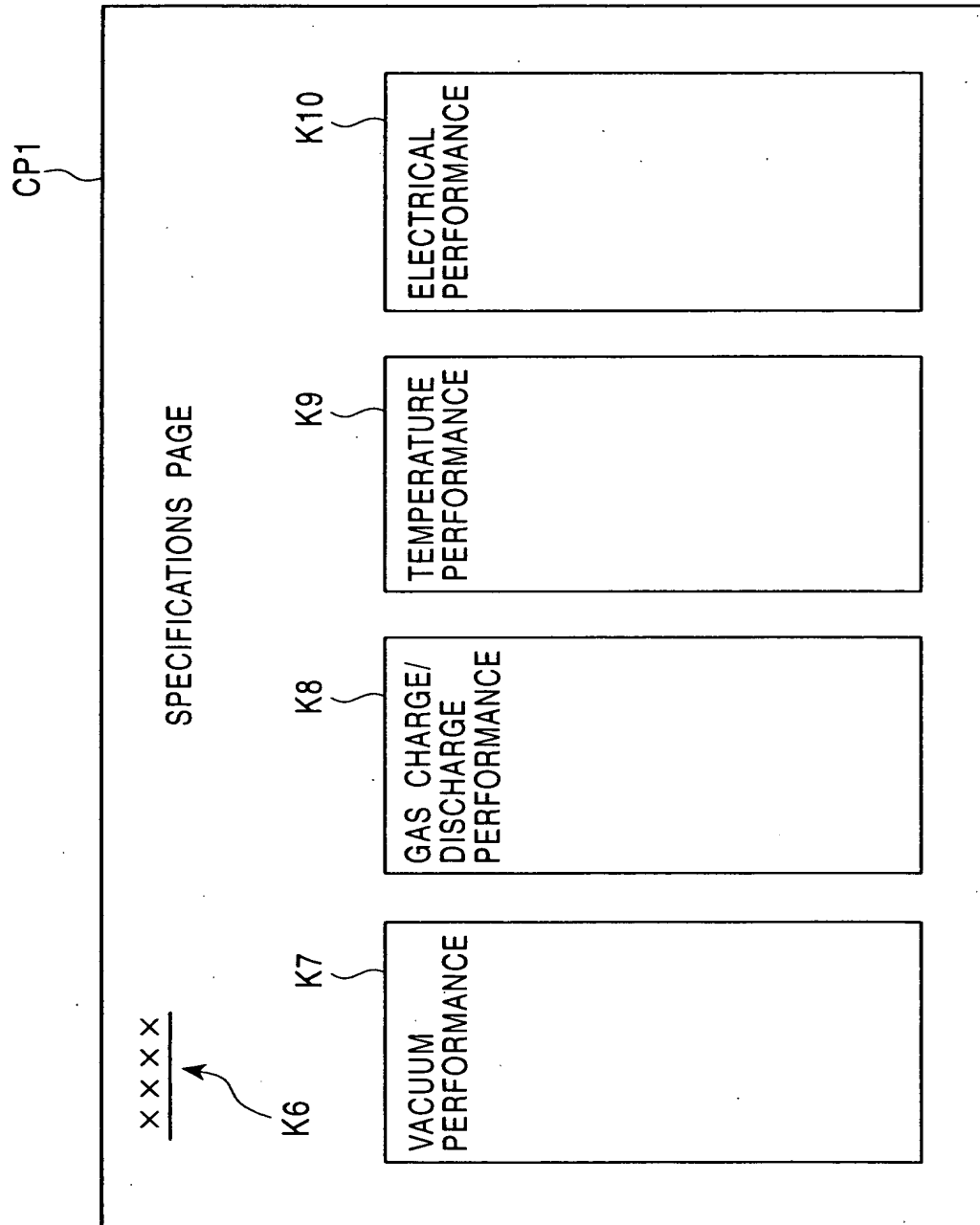
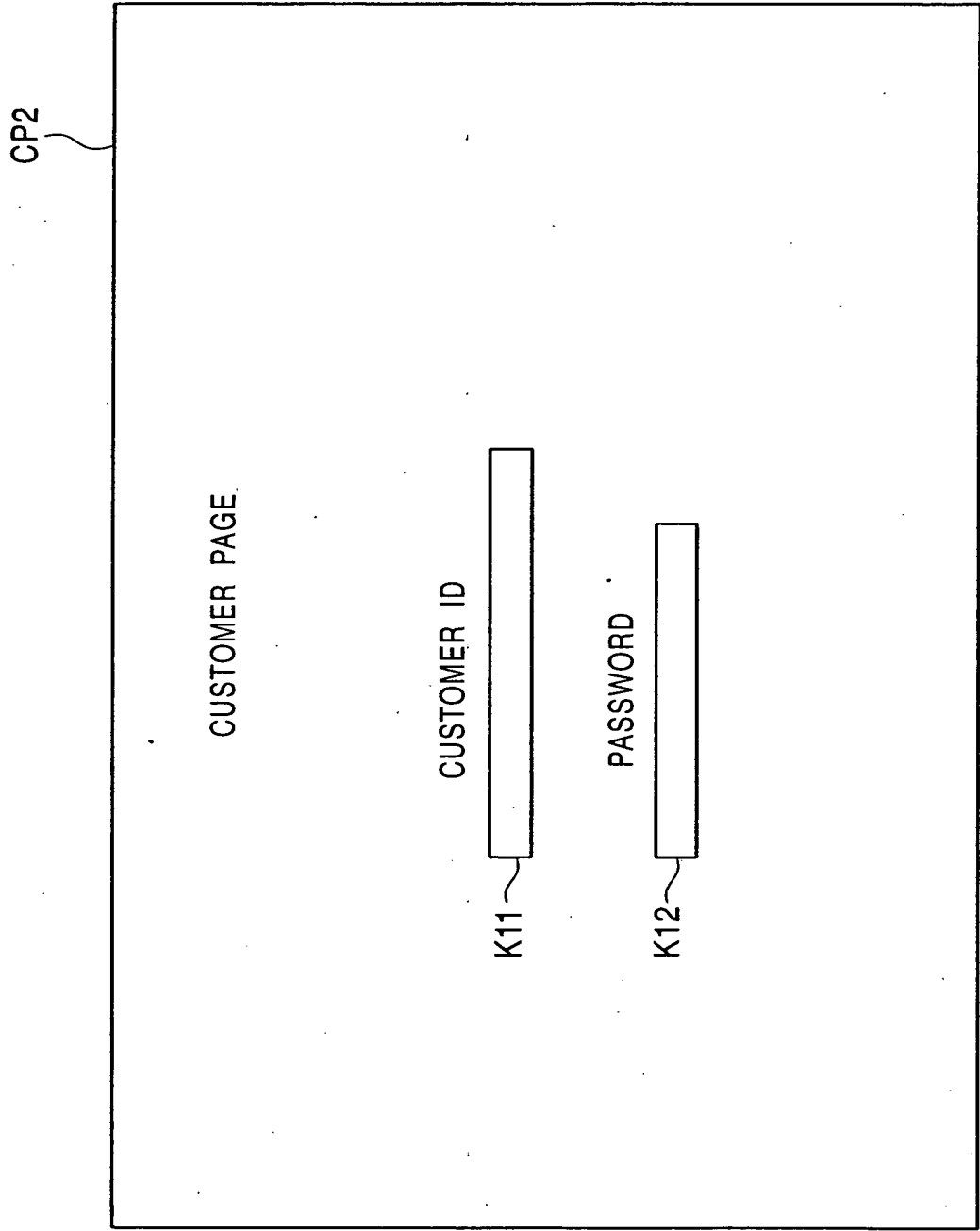


FIG. 29



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FIG. 30

CP3

MAINTENANCE HISTORY PAGE

K13

K7

VACUUM PERFORMANCE

K14

MAINTENANCE HISTORY

DE-
TAIL

DATE

K18

K17

K8

GAS CHARGE/
DISCHARGE
PERFORMANCE

K15

MAINTENANCE HISTORY

DE-
TAIL

DATE

K18

K9

TEMPERATURE
PERFORMANCE

K16

MAINTENANCE HISTORY

DE-
TAIL

DATE

K18

K10

ELECTRICAL
PERFORMANCE

MAINTENANCE HISTORY

DE-
TAIL

DATE

CP4

XXXXX

K13

DETAILED MAINTENANCE PAGE

K10

ELECTRICAL PERFORMANCE											
$f_o \dots$		$f_e \dots$	Z ...	RA ...	RB ...	$C_e \dots$	$C_x \dots$				
MAINTENANCE HISTORY											
UNIT 1 XXXX					UNIT 2 XXXX						
DATE	f_o	f_e	Z	RA	RB	C_e	C_x				
	MHz	MHz	Ω	Ω	Ω	pF	pF				
10/6	45.3	40.68	8	0.53	3.1	37	1800				

ELECTRICAL PERFORMANCE											
$f_o \dots$		$f_e \dots$	Z ...	RA ...	RB ...	$C_e \dots$	$C_x \dots$				
MAINTENANCE HISTORY											
UNIT 1 XXXX					UNIT 2 XXXX						
DATE	f_o	f_e	Z	RA	RB	C_e	C_x				
	MHz	MHz	Ω	Ω	Ω	pF	pF				
10/6	45.3	40.68	8	0.53	3.1	37	1800				

ELECTRICAL PERFORMANCE											
$f_o \dots$		$f_e \dots$	Z ...	RA ...	RB ...	$C_e \dots$	$C_x \dots$				
MAINTENANCE HISTORY											
UNIT 1 XXXX					UNIT 2 XXXX						
DATE	f_o	f_e	Z	RA	RB	C_e	C_x				
	MHz	MHz	Ω	Ω	Ω	pF	pF				
10/6	45.3	40.68	8	0.53	3.1	37	1800				

ELECTRICAL PERFORMANCE											
$f_o \dots$		$f_e \dots$	Z ...	RA ...	RB ...	$C_e \dots$	$C_x \dots$				
MAINTENANCE HISTORY											
UNIT 1 XXXX					UNIT 2 XXXX						
DATE	f_o	f_e	Z	RA	RB	C_e	C_x				
	MHz	MHz	Ω	Ω	Ω	pF	pF				
10/6	45.3	40.68	8	0.53	3.1	37	1800				

ELECTRICAL PERFORMANCE											
$f_o \dots$		$f_e \dots$	Z ...	RA ...	RB ...	$C_e \dots$	$C_x \dots$				
MAINTENANCE HISTORY											
UNIT 1 XXXX					UNIT 2 XXXX						
DATE	f_o	f_e	Z	RA	RB	C_e	C_x				
	MHz	MHz	Ω	Ω	Ω	pF	pF				
10/6	45.3	40.68	8	0.53	3.1	37	1800				

ELECTRICAL PERFORMANCE											
$f_o \dots$		$f_e \dots$	Z ...	RA ...	RB ...	$C_e \dots$	$C_x \dots$				
MAINTENANCE HISTORY											
UNIT 1 XXXX					UNIT 2 XXXX						
DATE	f_o	f_e	Z	RA	RB	C_e	C_x				
	MHz	MHz	Ω	Ω	Ω	pF	pF				
10/6	45.3	40.68	8	0.53	3.1	37	1800				

ELECTRICAL PERFORMANCE											
$f_o \dots$		$f_e \dots$	Z ...	RA ...	RB ...	$C_e \dots$	$C_x \dots$				
MAINTENANCE HISTORY											
UNIT 1 XXXX					UNIT 2 XXXX						
DATE	f_o	f_e	Z	RA	RB	C_e	C_x				
	MHz	MHz	Ω	Ω	Ω	pF	pF				
10/6	45.3	40.68	8	0.53	3.1	37	1800				

ELECTRICAL PERFORMANCE											
$f_o \dots$		$f_e \dots$	Z ...	RA ...	RB ...	$C_e \dots$	$C_x \dots$				
MAINTENANCE HISTORY											
UNIT 1 XXXX					UNIT 2 XXXX						
DATE	f_o	f_e	Z	RA	RB	C_e	C_x				
	MHz	MHz	Ω	Ω	Ω	pF	pF				
10/6	45.3	40.68	8	0.53	3.1	37	1800				

ELECTRICAL PERFORMANCE											
$f_o \dots$		$f_e \dots$	Z ...	RA ...	RB ...	$C_e \dots$	$C_x \dots$				
MAINTENANCE HISTORY											
UNIT 1 XXXX					UNIT 2 XXXX						
DATE	f_o	f_e	Z	RA	RB	C_e	C_x				
	MHz	MHz	Ω	Ω	Ω	pF	pF				
10/6	45.3	40.68	8	0.53	3.1	37	1800				

ELECTRICAL PERFORMANCE											
$f_o \dots$		$f_e \dots$	Z ...	RA ...	RB ...	$C_e \dots$	$C_x \dots$				
MAINTENANCE HISTORY											
UNIT 1 XXXX					UNIT 2 XXXX						
DATE	f_o	f_e	Z	RA	RB	C_e	C_x				
	MHz	MHz	Ω	Ω	Ω	pF	pF				
10/6	45.3	40.68	8	0.53	3.1	37	1800				

ELECTRICAL PERFORMANCE											
$f_o \dots$		$f_e \dots$	Z ...	RA ...	RB ...	$C_e \dots$	$C_x \dots$				
MAINTENANCE HISTORY											
UNIT 1 XXXX					UNIT 2 XXXX						
DATE	f_o	f_e	Z	RA	RB	C_e	C_x				
	MHz	MHz	Ω	Ω	Ω	pF	pF				
10/6	45.3	40.68	8	0.53	3.1	37	1800				

ELECTRICAL PERFORMANCE											
$f_o \dots$		$f_e \dots$	Z ...	RA ...	RB ...	$C_e \dots$	$C_x \dots$				
MAINTENANCE HISTORY											
UNIT 1 XXXX					UNIT 2 XXXX						
DATE	f_o	f_e	Z	RA	RB	C_e	C_x				
	MHz	MHz	Ω	Ω	Ω	pF	pF				
10/6	45.3	40.68	8	0.53	3.1	37	1800				

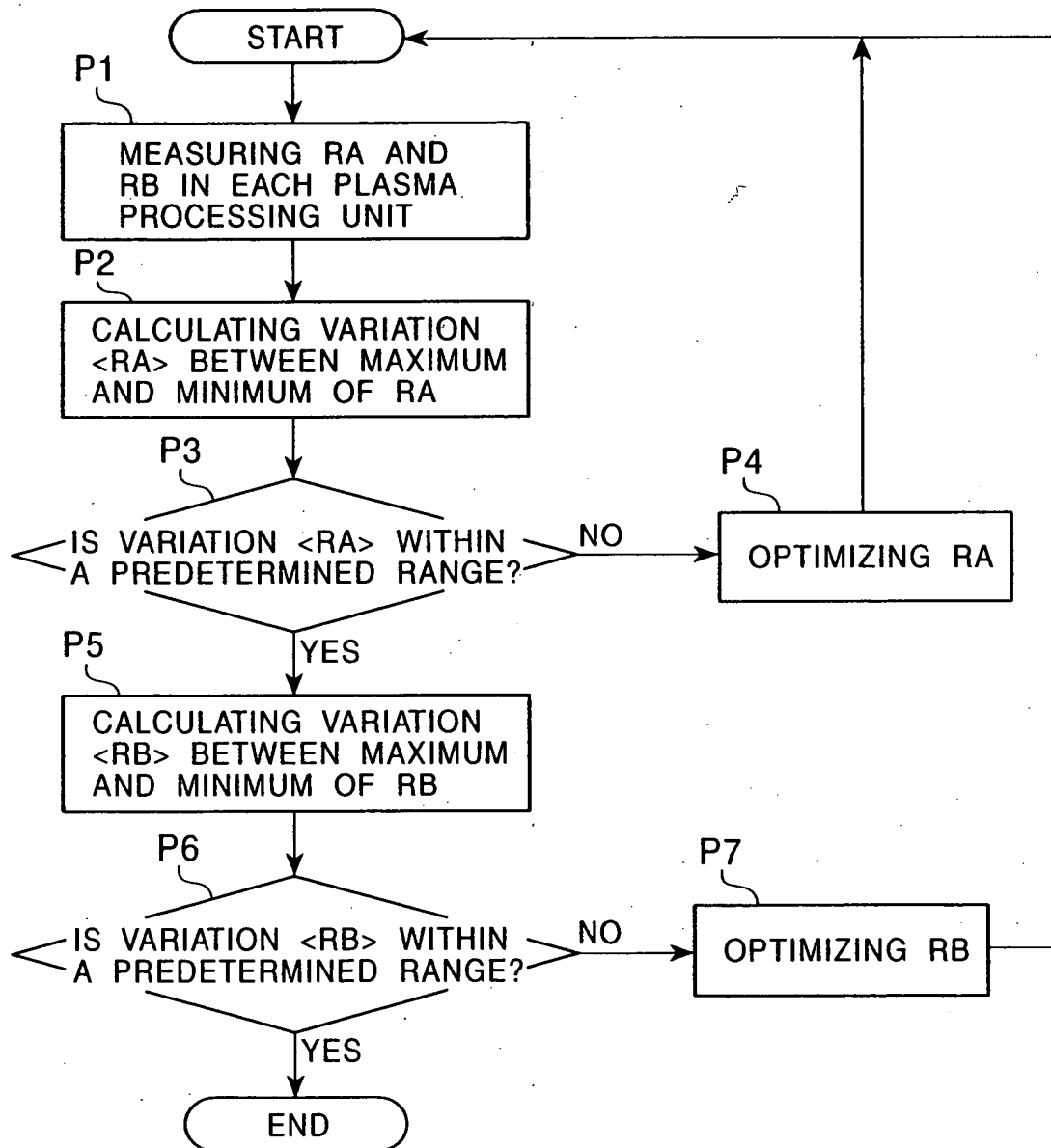
ELECTRICAL PERFORMANCE											
$f_o \dots$		$f_e \dots$	Z ...	RA ...	RB ...	$C_e \dots$	$C_x \dots$				
MAINTENANCE HISTORY											
UNIT 1 XXXX					UNIT 2 XXXX						
DATE	f_o	f_e	Z	RA	RB	C_e	C_x				
	MHz	MHz	Ω	Ω	Ω	pF	pF				
10/6	45.3	40.68	8	0.53	3.1	37	1800				

ELECTRICAL PERFORMANCE											
$f_o \dots$		$f_e \dots$	Z ...	RA ...	RB ...	$C_e \dots$	$C_x \dots$				
MAINTENANCE HISTORY											
UNIT 1 XXXX					UNIT 2 XXXX						
DATE	f_o	f_e	Z	RA	RB	C_e	C_x				
	MHz	MHz	Ω	Ω	Ω	pF	pF				
10/6	45.3	40.68	8	0.53	3.1	37	1800				

ELECTRICAL PERFORMANCE									
$f_o \dots$		$f_e \dots$	Z ...	RA ...	RB ...	$C_e \dots$	$C_x \dots$		

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FIG. 32



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